

FAG

NJ2316-E-XL-M1

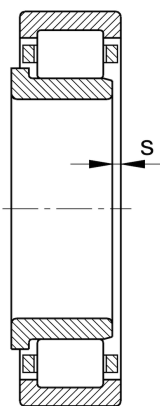
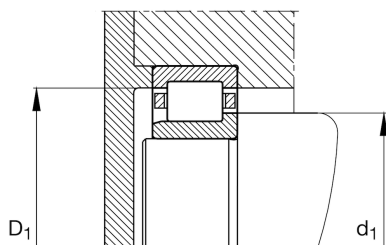
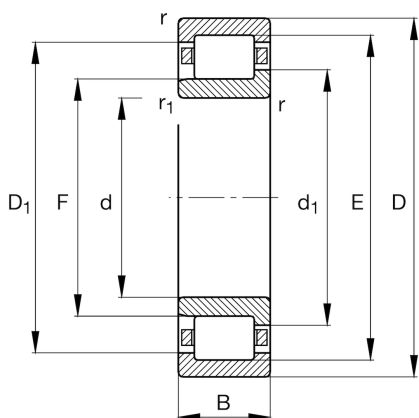
Cylindrical roller bearing

Schaeffler ID:
0192258490000

Cylindrical roller bearing NJ..-E-XL-M1, with cage, single row, semi-locating bearing, 2 ribs on outer ring, 1 rib on inner ring, type NJ

X-life

Technical information



Main Dimensions & Performance Data

d	80 mm	Bore diameter
D	170 mm	Outside diameter
B	58 mm	Width
C_r	420.000 N	Basic dynamic load rating, radial
C_{0r}	425.000 N	Basic static load rating, radial
C_{ur}	79.000 N	Fatigue load limit, radial
n_G	7.200 1/min	Limiting speed
n_{gr}	3.450 1/min	Reference speed
	6,5 kg	Weight

Dimensions

$d_{a \min}$	92 mm	Minimum diameter shaft shoulder
r_{\min}	2,1 mm	Minimum chamfer dimension
$d_{a \max}$	99 mm	Maximum diameter of shaft shoulder
$r_{1 \min}$	2,1 mm	Minimum chamfer dimension
s	3,7 mm	Axial displacement
$D_{a \max}$	158 mm	Maximum diameter of housing shoulder
E	151 mm	Raceway diameter outer ring
F	101 mm	Raceway diameter inner ring
$D_{1 \min}$	143,94 mm	Minimum rib diameter outer ring
$d_{c \min}$	114 mm	Minimum shaft shoulder
d_1	110,4 mm	Maximum rib diameter inner ring
$r_{a \max}$	2 mm	Maximum recess radius

Additional information

HJ2316-E	L-washer
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Temperature range

T_{\min}	-30 °C	Operating temperature min.
T_{\max}	150 °C	Operating temperature max.

